

Title (en)
Pulsating boiler

Title (de)
Pulsierender Verbrennungskessel

Title (fr)
Chaudière pulsatoire

Publication
EP 2169305 B1 20160622 (FR)

Application
EP 09305891 A 20090924

Priority
FR 0856440 A 20080925

Abstract (en)
[origin: EP2169305A1] The boiler (1) has a flap gate (2) provided with an inlet conduit (21) in downstream of a pre-mixing chamber (3). A combustion chamber (7) contains a flash chamber (11) in an extension of an ignition chamber (10) in downstream of the inlet conduit. The combustion chamber is delimited by a metal wall (6), and the ignition chamber surrounds a flame positioner (17). The ignition chamber is delimited by another metal wall (12) that is coaxial to the former wall. The latter wall of the ignition chamber is perforated by notches (20).

IPC 8 full level
F23C 15/00 (2006.01)

CPC (source: EP)
F23C 15/00 (2013.01); **F23D 2214/00** (2013.01); **F23D 2900/00018** (2013.01)

Designated contracting state (EPC)
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